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NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
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NEWS 7 DEC 21 IPC search and display fields enhanced in CA/Caplus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2

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FILE 'HOME' ENTERED AT 18:27:01 ON 11 JAN 2006

=> file caplus uspatfull japio eptfull medline biosis embase scisearch		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 18:27:33 ON 11 JAN 2006

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FILE 'USPATFULL' ENTERED AT 18:27:33 ON 11 JAN 2006

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FILE 'EPFULL' ENTERED AT 18:27:33 ON 11 JAN 2006  
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FILE 'MEDLINE' ENTERED AT 18:27:33 ON 11 JAN 2006

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FILE 'EMBASE' ENTERED AT 18:27:33 ON 11 JAN 2006  
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=> s (drug delivery) and (polyamino acid#)  
3 FILES SEARCHED...

L1 2001 (DRUG DELIVERY) AND (POLYAMINO ACID#)

=> s l1 and (counter ion)  
L2 27 L1 AND (COUNTER ION)

=> s l2 and ((poly(w)L(w)lysine) or polylysine)  
L3 9 L2 AND ((POLY(W) L(W) LYSINE) OR POLYLYSINE)

=> s l3 and myocardi?  
L4 1 L3 AND MYOCARDI?

=> d l4 1 ibib abs

L4 ANSWER 1 OF 1 USPATFULL on STN  
ACCESSION NUMBER: 2005:170848 USPATFULL  
TITLE: Bead embedded cells  
INVENTOR(S): Meissner, Dagmar, San Diego, CA, UNITED STATES  
Stuiver, Ingrid, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005147595	A1	20050707
APPLICATION INFO.:	US 2004-941548	A1	20040914 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-507258P	20030929 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GORDON & REES LLP, 101 WEST BROADWAY, SUITE 1600, SAN DIEGO, CA, 92101, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	740	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition of beads formed from biologically compatible material and which hold comprise biologically active moieties. A method of treating of treating isolated biological moieties in culture media, embedding the moieties in biologically compatible material which does not incorporate adventitious excipients. A method of treating individuals in need of transplantation, which involves transplanting to the individual a

composition which comprises a sufficient amount of beads.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 1-9 ibib abs

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:966959 CAPLUS

DOCUMENT NUMBER: 142:100183

TITLE: Micrometer-sized spherical assemblies of polypeptides and small molecules by acid-base chemistry

AUTHOR(S): McKenna, Brandon J.; Birkedal, Henrik; Bartl, Michael H.; Deming, Timothy J.; Stucky, Galen D.

CORPORATE SOURCE: Department of Chemistry and Biochemistry, University of California, Santa Barbara, CA, 93106-9510, USA

SOURCE: Angewandte Chemie, International Edition (2004), 43(42), 5652-5655

CODEN: ACIEF5; ISSN: 1433-7851

PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Spontaneous formation of microspheres is observed when charged poly(amino acid)s are combined with certain oppositely charged, multivalent organic ions. The surfaces of the spheres are chemical active and act as templates for silica condensation, and the assemblies can be made hollow or polymer-filled, depending on the silica precursor (the fluorescent polymer forms a layer inside a colloidal-silica-coated sphere).

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2005:170848 USPATFULL

TITLE: Bead embedded cells

INVENTOR(S): Meissner, Dagmar, San Diego, CA, UNITED STATES  
Stuiver, Ingrid, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005147595	A1	20050707
APPLICATION INFO.:	US 2004-941548	A1	20040914 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-507258P	20030929 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GORDON & REES LLP, 101 WEST BROADWAY, SUITE 1600, SAN DIEGO, CA, 92101, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	740	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition of beads formed from biologically compatible material and which hold comprise biologically active moieties. A method of treating of treating isolated biological moieties in culture media, embedding the moieties in biologically compatible material which does not incorporate adventitious excipients. A method of treating individuals in need of transplantation, which involves transplanting to the individual a composition which comprises a sufficient amount of beads.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

## L3 ANSWER 3 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2004:165946 USPATFULL  
 TITLE: 1,3,5-Triazines for treatment of viral diseases  
 INVENTOR(S): Daifuku, Richard, Mercer Island, WA, UNITED STATES  
 Gall, Alexander, Woodinville, WA, UNITED STATES  
 Sergueev, Dmitri, Kirkland, WA, UNITED STATES  
 PATENT ASSIGNEE(S): Koronis Pharmaceuticals, Inc., Richmond, WA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004127436	A1	20040701
APPLICATION INFO.:	US 2003-670915	A1	20030924 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-413337P	20020924 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	3678	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention provides compounds and methods for treatment of viral diseases and cancer.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

## L3 ANSWER 4 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2003:220256 USPATFULL  
 TITLE: Polymeric micellar structure  
 INVENTOR(S): Aida, Takuzo, Kashiwa-shi, JAPAN  
 Jiang, Dong-Lin, Matsudo-shi, JAPAN  
 Ohno, Daisuke, Tokyo, JAPAN  
 Stapert, Hendrick, Eindhoven, NETHERLANDS  
 Nishiyama, Nobuhiro, Tokyo, JAPAN  
 Kataoka, Kazunori, Kashiwa-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003153547	A1	20030814
	US 6949620	B2	20050927
APPLICATION INFO.:	US 2002-182191	A1	20021018 (10)
	WO 2001-JP546		20010126

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2000-17662	20000126
	JP 2000-17663	20000126
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WENDEROTH, LIND & PONACK, L.L.P., 2033 K STREET N. W., SUITE 800, WASHINGTON, DC, 20006-1021	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	443	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The invention relates to a polymeric micellar structure comprising an	

ionic porphyrin dendrimer represented by general formula [1]

q(c)PM [1]

(wherein q represents the number of charged atoms on the periphery of the dendrimer, c represents a negative (-) or positive (+) charge; and PM is represented by the following general formula [2]; ##STR1##

wherein M represents two hydrogen atoms or a metal atom, R.sub.1, R.sub.2, R.sub.3 and R.sub.4 represent a hydrogen atom or allyl ether dendro-subunits that may be identical or different, at least one of R.sub.1, R.sub.2, R.sub.3 and R.sub.4 is an allyl ether dendro-subunit, which is represented by the following general formula [3]; ##STR2##

wherein R and R' each represent a hydrogen atom or a hydrocarbon group and may be identical or different, W represents an anionic group when the charge c is negative (-), or W represents a cationic group when the charge c is positive (+), each W may be bonded by spacer molecule chain, and n represents an integer).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2003:85870 USPATFULL  
TITLE: Sustained release microspheres  
INVENTOR(S): Scott, Terrence L., Winchester, MA, UNITED STATES  
Brown, Larry R., Newton, MA, UNITED STATES  
Riske, Frank J., Stoughton, MA, UNITED STATES  
Blizzard, Charles D., Westwood, MA, UNITED STATES  
Rashba-Step, Julia, Newton, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003059474	A1	20030327
APPLICATION INFO.:	US 2002-245776	A1	20020917 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-420361, filed on 18 Oct 1999, GRANTED, Pat. No. US 6458387		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	John R. Van Amsterdam, Ph.D., Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA, 02210		
NUMBER OF CLAIMS:	65		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	2700		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods for forming sustained release microspheres and the products produced thereby are provided. The microspheres have a smooth surface that includes a plurality of channel openings that are less than 1000 angstroms in diameter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2002:254072 USPATFULL  
TITLE: Sustained release microspheres  
INVENTOR(S): Scott, Terrence L., Winchester, MA, United States  
Brown, Larry R., Newton, MA, United States  
Riske, Frank J., Stoughton, MA, United States  
Blizzard, Charles D., Westwood, MA, United States  
Rashba-Step, Julia, Newton, MA, United States  
PATENT ASSIGNEE(S): Epic Therapeutics, Inc., Norwood, MA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6458387	B1	20021001
APPLICATION INFO.:	US 1999-420361		19991018 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
ASSISTANT EXAMINER:	Pulliam, Amy E		
LEGAL REPRESENTATIVE:	Wolf, Greenfield & Sacks P.C.		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	2512		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods for forming sustained release microspheres and the products produced thereby are provided. The microspheres have a smooth surface that includes a plurality of channel openings that are less than 1000 angstroms in diameter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2002:85222 USPATFULL

TITLE: Biologically useful polyphosphates

INVENTOR(S): Leong, Kam, Ellicott City, MD, UNITED STATES  
Jie, Wen, Baltimore, MD, UNITED STATES  
Mao, Hai-Quan, Coast Crescent, SINGAPORE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002045263	A1	20020418
	US 6852709	B2	20050208
APPLICATION INFO.:	US 2001-871602	A1	20010531 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-208262P	20000531 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, EDWARDS & ANGELL, LLP, P. O. Box 9169, Boston, MA, 02209	
NUMBER OF CLAIMS:	71	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	2595	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides biodegradable polymers, polymer compositions, particles composed thereof and methods of using same for the controlled release of a biologically active substance to a specified tissue or cells. Preferred polymers include biodegradable, amphiphilic polyphosphates which are capable of complexing one or more biologically active substances. Preferred methods include the controlled release of biologically active substances and gene therapy using polymers and nanoparticles composed thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 9 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2001:12553 EPFULL

ENTRY DATE PUBLICATION: 20050330

UPDATE DATE PUBLICAT.: 20050330  
 DATA UPDATE DATE: 20050330  
 DATA UPDATE WEEK: 200513  
 TITLE (ENGLISH): POLYMERIC MICELLAR STRUCTURE  
 TITLE (FRENCH): STRUCTURE MICELLAIRE POLYMERIQUE  
 TITLE (GERMAN): POLYMERE MICELLENARTIGE STRUKTUR  
 INVENTOR(S): AIDA, Takuzo, 10-5, Kashiwanoha 2-chome, Kashiwa-shi, Chiba 277-0882, JP; JIANG, Dong-Lin, Bran Shato 303, 16-15, Shinmatsudokita 1-chome, Matsudo-shi, Chiba 270-0032, JP; OHNO, Daisuke, C205, 18-6, Shinjuku 5-chome, Katsushika-ku, Tokyo 125-0051, JP; STAPERT, Hendrick, Shuwa Residence 512, 11-6, Yushima 4-chome, Bunkyo-ku, Tokyo 113-0034, JP; NISHIYAMA, Nobuhiro, Coop-sendagi 105, 16-6, Sendagi 5-chome, Bunkyo-ku, Tokyo 113-0022, JP; KATAOKA, Kazunori, 1083-4, Oomuro, Kashiwa-shi, Chiba 277-0813, JP  
 PATENT APPLICANT(S): Japan Science and Technology Agency, 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012, JP  
 PATENT APPL. NUMBER: 3353873  
 AGENT: Calamita, Roberto, et al, Frank B. Dehn & Co., European Patent Attorneys, 179 Queen Victoria Street, London EC4V 4EL, GB  
 AGENT NUMBER: 69571  
 LANGUAGE OF FILING: Japanese  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF PROCEDURE: English  
 LANGUAGE OF TITLE: German; English; French  
 DOCUMENT TYPE: Patent  
 PATENT INFO TYPE: EPB1 Granted patent  
 PATENT INFORMATION:  
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1253150	B1	20050330

DESIGNATED STATES:	CH DE FR GB LI
APPLICATION INFO.:	EP 2001-946862 A 20010126
	WO 2001-JP546 A 20010126
PRIORITY INFO.:	JP 2000-17662 A 20000126
	JP 2000-17663 A 20000126

CITED NON PATENT LIT.: SADAMOTO, REIKO ET AL: "Photoinduced Electron Transfer Reactions through Dendrimer Architecture" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY (1996), 118(16), 3978-9 , XP002236133;

STAPERT R.H. ET AL.: 'Polyion complex micelles encapsulating light-harvesting ionic dendrimer zinc porphyrins' LANGMUIR vol. 16, no. 21, 2000, pages 8182 - 8188, XP002941415;

JIANG D. ET AL.: 'Molecular design and functions of dendrimer porphyrins' KOBUNSHI RONBUNSHU vol. 54, no. 10, 1997, pages 674 - 683, XP002941416

CITED PATENT LIT.:	WO 9314093 A
	JP 4505612 A

L3 ANSWER 9 OF 9 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:111683 EPFULL  
 DATA UPDATE DATE: 20041006  
 DATA UPDATE WEEK: 200441  
 TITLE (ENGLISH): Sustained release microspheres  
 TITLE (FRENCH): Microspheres a liberation prolongee

TITLE (GERMAN): Mikrosphaeren mit verzögerter Wirkstoffabgabe  
 INVENTOR(S): Scott, Terence L., 6 Fenwick Road, Winchester, MA 01890, US; Brown, Larry R., 25 Sumner Street, Newton, MA 02459, US; Riske, Frank J., 705 Highland Street, Stoughton, MA 02072, US; Blizzard, Charles D., 109 Highview Street, Westwood, MA 02090, US; Rashba-Step, Julia, 123 Adeline Road, Newton, MA 02459, US  
 PATENT APPLICANT(S): BAXTER INTERNATIONAL INC., One Baxter Parkway, Deerfield, IL 60015, US; Baxter Healthcare SA, Hertistrasse 2, 8304 Wallisellen, CH  
 PATENT APPL. NUMBER: 318506; 3374413  
 AGENT: Jump, Timothy John Simon, et al, Venner Shipley LLP 20 Little Britain, London EC1A 7DH, GB  
 AGENT NUMBER: 55592  
 LANGUAGE OF FILING: English  
 LANGUAGE OF PUBL.: English  
 LANGUAGE OF PROCEDURE: English  
 LANGUAGE OF TITLE: German; English; French  
 DOCUMENT TYPE: Patent  
 PATENT INFO TYPE: EPB1 Granted patent  
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 1060741	B1	20030903
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE		
EXTENSION STATES:	AL LT LV MK RO SI		
APPLICATION INFO.:	EP 1999-304616	A	19990614
PRIORITY INFO.:	EP 1999-304616	A	19990614 *
CITED NON PATENT LIT.:	DATABASE WPI Week 199645 Derwent Publications Ltd., London, GB; AN 1996-450926 [45] XP002122637 & JP 08 225454 A (CHUGAI PHARM. CO. LTD.,JP) 3 September 1996 (1996-09-03)		
CITED PATENT LIT.:	EP 357401	A	
	US 5008116	A	
	US 5160745	A	

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FILE 'CAPLUS, USPATFULL, JAPIO, EPFULL, MEDLINE, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 18:27:33 ON 11 JAN 2006

L1 2001 S (DRUG DELIVERY) AND (POLYAMINO ACID#)  
 L2 27 S L1 AND (COUNTER ION)  
 L3 9 S L2 AND ((POLY(W)L(W)LYSINE) OR POLYLYSINE)  
 L4 1 S L3 AND MYOCARDI?

=> d 12 1-27 ibib abs

L2 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:966959 CAPLUS

DOCUMENT NUMBER: 142:100183

TITLE: Micrometer-sized spherical assemblies of polypeptides and small molecules by acid-base chemistry

AUTHOR(S): McKenna, Brandon J.; Birkedal, Henrik; Bartl, Michael H.; Deming, Timothy J.; Stucky, Galen D.



CORPORATE SOURCE: Department of Chemistry and Biochemistry, University  
of California, Santa Barbara, CA, 93106-9510, USA  
SOURCE: Angewandte Chemie, International Edition (2004),  
43(42), 5652-5655  
CODEN: ACIEF5; ISSN: 1433-7851  
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB Spontaneous formation of microspheres is observed when charged poly(amino  
acid)s are combined with certain oppositely charged, multivalent organic  
ions. The surfaces of the spheres are chemical active and act as templates  
for silica condensation, and the assemblies can be made hollow or  
polymer-filled, depending on the silica precursor (the fluorescent polymer  
forms a layer inside a colloidal-silica-coated sphere).

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:287412 USPATFULL  
TITLE: Glycopeptide antibiotic derivatives  
INVENTOR(S): Balzarini, Jan, Heverlee, BELGIUM  
Preobrazhenskaya, Maria, Moscow, RUSSIAN FEDERATION  
De Clercq, Erik, Lovenjoel, BELGIUM

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005250677	A1	20051110
APPLICATION INFO.:	US 2003-525784	A1	20030901 (10)
	WO 2003-BE144		20030901
			20050228 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2003-220235	20020830
	GB 2003-20233	20020831
	GB 2003-10890	20030425
	GB 2003-9521	20030425

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: CLARK & ELBING LLP, 101 FEDERAL STREET, BOSTON, MA,  
02110, US

NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1-22  
LINE COUNT: 3502

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel glycopeptide antibiotic derivatives, processes for their  
preparation, their use as a medicine, their use to treat or prevent  
viral infections and their use to manufacture a medicine to treat or  
prevent viral infections are provided. The present invention relates to  
the use of glycopeptide antibiotics and their semisynthetic derivatives  
to treat or prevent viral infections and their use to manufacture a  
medicine to treat or prevent viral infections of subjects, more in  
particular infections with viruses belonging to Retroviridae, Herpes  
viridae, Flaviviridae and the Coronaviridae, like HIV (human  
immunodeficiency virus), HCV (hepatitis C virus), BVDV (bovine viral  
diarrhoea virus), SARS (severe acute respiratory syndrome) causing  
virus, FCV (feline coronavirus), HSV (herpes simplex virus), VZV  
(varicella zoster virus) and CMV (cytomegalovirus).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:275257 USPATFULL

TITLE: Viral inhibitors  
INVENTOR(S): Neyts, Johan, Kessel-Lo, BELGIUM  
Purstinger, Gerhard, Innsbruck, AUSTRIA  
De Clercq, Erik, Lovenjoel, BELGIUM

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005239821	A1	20051027
APPLICATION INFO.:	US 2003-519756	A1	20030703 (10)
	WO 2003-BE117		20030703
			20041230 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2003-215293	20020703
	GB 2003-13251	20030610
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CLARK & ELBING LLP, 101 FEDERAL STREET, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	5723	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a pharmaceutical composition for the treatment or prevention of viral infections comprising as an active principle at least one imidazo[4,5-c]pyridine derivative having the general formula (Z): (formula). The invention also relates to processes for the preparation of compounds according to the invention having above mentioned general formula and their use as a medicine or to treat or prevent viral infections. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:261954 USPATFULL

TITLE: Triazine compounds and their analogs, compositions, and methods

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Atlanta, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Alluri, Sessa Sridevi, Grandhinagar, INDIA  
Krishna Reddy, Velagala Venkata Rama Murali, Kukatpally, INDIA  
Pal, Manojit, Miyapur, INDIA  
Reddy, Jangalgar Tirupathy, Miyapur, INDIA  
Yeleswarapu, Koteswar Rao, Begumpet, INDIA  
Reddy, Gaddam Om, Miyapur, INDIA  
Kumar, Potlapally Rajender, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005227983	A1	20051013
APPLICATION INFO.:	US 2004-808210	A1	20040324 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US		
NUMBER OF CLAIMS:	83		
EXEMPLARY CLAIM:	1		
LINE COUNT:	7442		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to triazine compounds and their analogs and derivatives, and methods and compositions comprising these compounds. The compounds and compositions of this invention are useful for, among other things, treating pathophysiological conditions arising from inflammatory responses, inhibiting or blocking glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells, inhibiting smooth muscle proliferation, treating vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis, and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:255700 USPATFULL

TITLE: Imidazo[4,5-c]pyridine compounds and methods of antiviral treatment

INVENTOR(S): Bondy, Steven S., Danville, CA, UNITED STATES  
Dowdy, Eric Davis, Foster City, CA, UNITED STATES  
Kim, Choung U., San Carlos, CA, UNITED STATES  
Neyts, Johan, Kessel-Lo, BELGIUM  
Oare, David A., Belmont, CA, UNITED STATES  
Puerstinger, Gerhard, Igls, AUSTRIA

PATENT ASSIGNEE(S): Zia, Vahid, San Carlos, CA, UNITED STATES  
K.U. LEUVEN RESEARCH & DEVELOPMENT, GERHARD PUERSTINGER  
AND GILEAD SCIENCES, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005222198	A1	20051006
APPLICATION INFO.:	US 2004-19830	A1	20041221 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-532292P	20031222 (60)
	US 2004-533963P	20040102 (60)
	US 2004-591069P	20040726 (60)
	US 2004-591024P	20040726 (60)
	US 2004-590989P	20040726 (60)
	US 2004-590990P	20040726 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: James J. Wong, Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, CA, 94404, US

NUMBER OF CLAIMS: 71

EXEMPLARY CLAIM: 1

LINE COUNT: 4677

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pharmaceutical compositions for the treatment or prevention of viral infections comprising as an active principle at least one imidazo[4,5-c]pyridine prodrug having the general formula (A): ##STR1## wherein the substituents are described in the specification. The invention also relates to processes for the preparation and screening of compounds according to the invention having above mentioned general formula and their use in the treatment or prophylaxis of viral infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:247033 USPATFULL

TITLE: Microparticle formulations for sustained-release of bioactive compounds

INVENTOR(S): Prestrelski, Steven J., Mountain View, CA, UNITED STATES

## STATES

Burkoth, Terry L., Palo Alto, CA, UNITED STATES  
Saul, Gordon M., Palo Alto, CA, UNITED STATES  
Brodbeck, Kevin J., Palo Alto, CA, UNITED STATES  
Powderject Research Limited (U.S. corporation)

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005214227	A1	20050929
APPLICATION INFO.:	US 2004-987316	A1	20041115 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-521139, filed on 8 Mar 2000, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-123264P	19990308 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1662	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition is provided for administration to a subject by way of a needleless syringe. The composition is formed from particles having a mean mass aerodynamic diameter of from 1 to 250 microns, and an envelope density of from 0.1 to 25 g/cm.sup.3, where the particles include a biologically active agent and a sustained-release material that controls release of the active agent to a subject following administration of the composition thereto. Methods for delivering a biologically active agent to a subject are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 7 OF 27 USPATFULL on STN  
ACCESSION NUMBER: 2005:170848 USPATFULL  
TITLE: Bead embedded cells  
INVENTOR(S): Meissner, Dagmar, San Diego, CA, UNITED STATES  
Stuiver, Ingrid, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005147595	A1	20050707
APPLICATION INFO.:	US 2004-941548	A1	20040914 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-507258P	20030929 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GORDON & REES LLP, 101 WEST BROADWAY, SUITE 1600, SAN DIEGO, CA, 92101, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	740	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition of beads formed from biologically compatible material and which hold comprise biologically active moieties. A method of treating of treating isolated biological moieties in culture media, embedding the moieties in biologically compatible material which does not incorporate adventitious excipients. A method of treating individuals in need of

transplantation, which involves transplanting to the individual a composition which comprises a sufficient amount of beads.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 8 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:158986 USPATFULL  
TITLE: Medical devices employing triazine compounds and compositions thereof  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Yeleswarapu, Koteswar Rao, Begumpet, INDIA  
Pal, Manojit, Miyapur, INDIA  
Reddy, Jangalgar Tirupathy, Miyapur, INDIA  
Krishna Reddy, Velagala Venkata Rama Murali, Kukatpally, INDIA  
Sesha Sridevi, Bhatlapenumarthy, Gandhinagar, INDIA  
Kumar, Potlapally Rajender, Miyapur, INDIA  
Reddy, Gaddam Om, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005137196	A1	20050623
APPLICATION INFO.:	US 2004-951316	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-397968, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	9874	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glyated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 9 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:144879 USPATFULL  
TITLE: Medical devices employing triazine compounds and compositions thereof  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES

Alexander, Christopher W., Norcross, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Yeleswarapu, Koteswar Rao, Hyderabad, INDIA  
 Pal, Manojit, Hyderabad, INDIA  
 Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
 Krishna Reddy, Velagala Venkata Rama Murali, Hyderabad,  
 INDIA  
 Sesha Sridevi, Bhatlapenumarthy, Hyderabad, INDIA  
 Kumar, Potlapally Rajender, Hyderabad, INDIA  
 Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005124619	A1	20050609
APPLICATION INFO.:	US 2004-951120	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-400169, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	8532	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 10 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2005:131877 USPATFULL

TITLE: Medical devices employing triazine compounds and compositions thereof

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
 Alexander, Christopher W., Norcross, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Yeleswarapu, Koteswar Rao, Hyderabad, IN, UNITED STATES  
 Pal, Manojit, Hyderabad, INDIA  
 Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
 Murali Krishna Reddy, Velagala Venkata Rama, Hyderabad, INDIA  
 Sridevi, Bhatlapenumarthy Sesha, Hyderabad, INDIA  
 Kumar, Potlapally Rajender, Hyderabad, INDIA

Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005113341	A1	20050526
APPLICATION INFO.:	US 2004-951305	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-400134, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	10723	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 11 OF 27 USPATFULL on STN  
ACCESSION NUMBER: 2005:130676 USPATFULL  
TITLE: Ultrasound assisted transdermal vaccine delivery method and system  
INVENTOR(S): Cormier, Michel J.N., Mountain View, CA, UNITED STATES  
Lin, WeiQi, Palo Alto, CA, UNITED STATES  
Widera, Georg, Palo Alto, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005112135	A1	20050526
APPLICATION INFO.:	US 2004-971338	A1	20041021 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-524062P	20031121 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Francis Law Group, 1942 Embarcadero, Oakland, CA, 94606, US	
NUMBER OF CLAIMS:	76	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	2187	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An apparatus and method for transdermally delivering a vaccine comprising a delivery system having (i) a microprojection member (or system) that includes a plurality of microprojections (or array thereof) that are adapted to pierce through the stratum corneum into the underlying epidermis layer, or epidermis and dermis layers and (ii) an ultrasonic device. In one embodiment, the vaccine is contained in a biocompatible coating that is applied to the microprojection member. In a further embodiment, the delivery system includes a gel pack having a vaccine-containing hydrogel formulation that is disposed on the microprojection member after application to the skin of a patient. In an alternative embodiment, the vaccine is contained in both the coating and the hydrogel formulation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 12 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:286782 USPATFULL  
TITLE: Methods and compositions of novel triazine compounds  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Yeleswarapu, Koteswar Rao, Hyderabad, INDIA  
Pal, Manojit, Hyderabad, INDIA  
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
Reddy, Velagala Venkira Rama Murali Krishna, Hyderabad, INDIA  
Sridevi, Bhatlapenumarphy Shesha, Hyderabad, INDIA  
Kumar, Potlapally Rajender, Hyderabad, INDIA  
Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004224950	A1	20041111
APPLICATION INFO.:	US 2003-400140	A1	20030326 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, ATLANTA, GA, 30309	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	11181	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.



CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 13 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:268339 USPATFULL  
TITLE: Methods and compositions of novel triazine compounds  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Yeleswarapu, Koteswar Rao, Hyderabad, INDIA  
Pal, Manojit, Hyderabad, INDIA  
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
Krishma Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA  
Sesila Sridevi, Bhatlapenumarthy, Hyderabad, INDIA  
Kumar, Potlapally Rajender, Hyderabad, INDIA  
Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209882	A1	20041021
APPLICATION INFO.:	US 2003-400169	A1	20030326 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	86 Drawing Page(s)		
LINE COUNT:	12036		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 14 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:268338 USPATFULL  
TITLE: Methods and compositions of novel triazine compounds  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Yeleswarapu, Koteswar Rao, Hyderabad, INDIA  
Pal, Manojit, Hyderabad, INDIA  
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
Krishna Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA  
Sridevi, Bhatlapenumarthy Sesha, Hyderabad, INDIA  
Kumar, Potlapally Rajender, Hyderabad, INDIA  
Reddy, Gaddam Om, Hyderabad, INDIA

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2004209881 A1 20041021  
 APPLICATION INFO.: US 2003-400134 A1 20030326 (10)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100  
 PEACHTREE STREET, ATLANTA, GA, 30309  
 NUMBER OF CLAIMS: 19  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 86 Drawing Page(s)  
 LINE COUNT: 9019  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 15 OF 27 USPATFULL on STN  
 ACCESSION NUMBER: 2004:268337 USPATFULL  
 TITLE: Methods and compositions of novel triazine compounds  
 INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
 Alexander, Christopher W., Norcross, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Yeleswarapu, Koteswar Rao, Begumpet, INDIA  
 Pal, Manojit, Miyapur, INDIA  
 Reddy, Jangalgar Tirupathy, Miyapur, INDIA  
 Krlshna Reddy, Velagala Venkata Rama Murali,  
 Kukatpally, INDIA  
 Sridevi, Bhatlapenumarthi Sesha, Gandhinagar, INDIA  
 Kumar, Potlapally Rajender, Miyapur, INDIA  
 Reddy, Gaddam Om, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209880	A1	20041021
APPLICATION INFO.:	US 2003-397968	A1	20030326 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	86 Drawing Page(s)		
LINE COUNT:	10190		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use

of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 16 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:165946 USPATFULL  
TITLE: 1,3,5-Triazines for treatment of viral diseases  
INVENTOR(S): Daifuku, Richard, Mercer Island, WA, UNITED STATES  
Gall, Alexander, Woodinville, WA, UNITED STATES  
Sergueev, Dmitri, Kirkland, WA, UNITED STATES  
PATENT ASSIGNEE(S): Koronis Pharmaceuticals, Inc., Richmond, WA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004127436	A1	20040701
APPLICATION INFO.:	US 2003-670915	A1	20030924 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-413337P	20020924 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	3678	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides compounds and methods for treatment of viral diseases and cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2004:101778 USPATFULL  
TITLE: Methods and compositions of novel triazine compounds  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Campbell, Karen A., Durham, NC, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004077648	A1	20040422
APPLICATION INFO.:	US 2003-390485	A1	20030317 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309	
NUMBER OF CLAIMS:	75	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	54 Drawing Page(s)	
LINE COUNT:	10058	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 18 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2003:220256 USPATFULL

TITLE: Polymeric micellar structure

INVENTOR(S): Aida, Takuzo, Kashiwa-shi, JAPAN

Jiang, Dong-Lin, Matsudo-shi, JAPAN

Ohno, Daisuke, Tokyo, JAPAN

Stapert, Hendrick, Eindhoven, NETHERLANDS

Nishiyama, Nobuhiro, Tokyo, JAPAN

Kataoka, Kazunori, Kashiwa-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003153547	A1	20030814
	US 6949620	B2	20050927
APPLICATION INFO.:	US 2002-182191	A1	20021018 (10)
	WO 2001-JP546		20010126

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2000-17662	20000126
	JP 2000-17663	20000126
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WENDEROTH, LIND & PONACK, L.L.P., 2033 K STREET N. W., SUITE 800, WASHINGTON, DC, 20006-1021	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	443	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a polymeric micellar structure comprising an ionic porphyrin dendrimer represented by general formula [1]

q(c)PM [1]

(wherein q represents the number of charged atoms on the periphery of the dendrimer, c represents a negative (-) or positive (+) charge; and PM is represented by the following general formula [2]; ##STR1##

wherein M represents two hydrogen atoms or a metal atom, R.sub.1, R.sub.2, R.sub.3 and R.sub.4 represent a hydrogen atom or allyl ether dendro-subunits that may be identical or different, at least one of R.sub.1, R.sub.2, R.sub.3 and R.sub.4 is an allyl ether dendro-subunit, which is represented by the following general formula [3]; ##STR2##

wherein R and R' each represent a hydrogen atom or a hydrocarbon group and may be identical or different, W represents an anionic group when the charge c is negative (-), or W represents a cationic group when the

charge c is positive (+), each W may be bonded by spacer molecule chain, and n represents an integer).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2003:85870 USPATFULL  
TITLE: Sustained release microspheres  
INVENTOR(S): Scott, Terrence L., Winchester, MA, UNITED STATES  
Brown, Larry R., Newton, MA, UNITED STATES  
Riske, Frank J., Stoughton, MA, UNITED STATES  
Blizzard, Charles D., Westwood, MA, UNITED STATES  
Rashba-Step, Julia, Newton, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003059474	A1	20030327
APPLICATION INFO.:	US 2002-245776	A1	20020917 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-420361, filed on 18 Oct 1999, GRANTED, Pat. No. US 6458387		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	John R. Van Amsterdam, Ph.D., Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA, 02210		
NUMBER OF CLAIMS:	65		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	2700		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods for forming sustained release microspheres and the products produced thereby are provided. The microspheres have a smooth surface that includes a plurality of channel openings that are less than 1000 angstroms in diameter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 20 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2002:254072 USPATFULL  
TITLE: Sustained release microspheres  
INVENTOR(S): Scott, Terrence L., Winchester, MA, United States  
Brown, Larry R., Newton, MA, United States  
Riske, Frank J., Stoughton, MA, United States  
Blizzard, Charles D., Westwood, MA, United States  
Rashba-Step, Julia, Newton, MA, United States  
PATENT ASSIGNEE(S): Epic Therapeutics, Inc., Norwood, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6458387	B1	20021001
APPLICATION INFO.:	US 1999-420361		19991018 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
ASSISTANT EXAMINER:	Pulliam, Amy E		
LEGAL REPRESENTATIVE:	Wolf, Greenfield & Sacks P.C.		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	2512		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods for forming sustained release microspheres and the products produced thereby are provided. The microspheres have a smooth surface

that includes a plurality of channel openings that are less than 1000 angstroms in diameter..

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 21 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2002:85222 USPATFULL  
TITLE: Biologically useful polyphosphates  
INVENTOR(S): Leong, Kam, Ellicott City, MD, UNITED STATES  
Jie, Wen, Baltimore, MD, UNITED STATES  
Mao, Hai-Quan, Coast Crescent, SINGAPORE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002045263	A1	20020418
	US 6852709	B2	20050208
APPLICATION INFO.:	US 2001-871602	A1	20010531 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-208262P	20000531 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, EDWARDS & ANGELL, LLP, P. O. Box 9169, Boston, MA, 02209	
NUMBER OF CLAIMS:	71	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	2595	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides biodegradable polymers, polymer compositions, particles composed thereof and methods of using same for the controlled release of a biologically active substance to a specified tissue or cells. Preferred polymers include biodegradable, amphiphilic polyphosphates which are capable of complexing one or more biologically active substances. Preferred methods include the controlled release of biologically active substances and gene therapy using polymers and nanoparticles composed thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 22 OF 27 USPATFULL on STN

ACCESSION NUMBER: 2000:91561 USPATFULL  
TITLE: Potentiation of immune responses with liposomal adjuvants  
INVENTOR(S): Popescu, Mircea C., Plainsboro, NJ, United States  
Weiner, Alan L., Lawrenceville, NJ, United States  
Recine, Marie S., Hamilton Township, NJ, United States  
Janoff, Andrew S., Yardley, PA, United States  
Estis, Leonard, Upton, MA, United States  
Keyes, Lynn D., Upton, MA, United States  
Alving, Carl R., Bethesda, MD, United States  
PATENT ASSIGNEE(S): The Liposome Company, Inc., Princeton, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6090406		20000718
APPLICATION INFO.:	US 1990-485388		19900226 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-425727, filed on 23 Oct 1989, now patented, Pat. No. US 5231112 which is a continuation-in-part of Ser. No. US 1985-773429,		

filed on 10 Sep 1985, now patented, Pat. No. US 4891208 which is a continuation-in-part of Ser. No. US 1985-721630, filed on 10 Apr 1985, now patented, Pat. No. US 4721612 which is a continuation-in-part of Ser. No. US 1984-599691, filed on 12 Apr 1984, now abandoned And a continuation-in-part of Ser. No. US 1989-397777, filed on 23 Aug 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-277854, filed on 30 Nov 1989, now abandoned And a continuation-in-part of Ser. No. US 1988-236701, filed on 25 Aug 1988, now abandoned And a continuation-in-part of Ser. No. US 1988-236702, filed on 25 Aug 1988, now abandoned And a continuation-in-part of Ser. No. US 1988-277854, filed on 30 Nov 1988, now abandoned And a continuation-in-part of Ser. No. US 1987-128974, filed on 4 Dec 1987, now abandoned And a continuation-in-part of Ser. No. US 1987-61186, filed on 11 Jun 1987, now abandoned which is a continuation-in-part of Ser. No. US 1986-934151, filed on 24 Nov 1986, now abandoned And a continuation-in-part of Ser. No. US 1986-873584, filed on 12 Jun 1986, now abandoned And a continuation-in-part of Ser. No. US 1988-236701, filed on 25 Aug 1988, now abandoned which is a continuation-in-part of Ser. No. US 1987-128974, filed on 4 Dec 1987, now abandoned And a continuation-in-part of Ser. No. US 1988-236702, filed on 25 Aug 1988, now abandoned

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Dees, Jose' G.  
ASSISTANT EXAMINER: Hartley, Michael G.  
LEGAL REPRESENTATIVE: Rubin, Kenneth B., Goodman, Rosanne  
NUMBER OF CLAIMS: 16  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2615  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A high integrity liposome comprising at least one stabile lipid and at least one peptide-like therapeutic agent associated with said liposome, adapted for parenteral administration to an animal, including a human, and method according to manufacture and use. Immunizing dosage forms comprising a liposome and an immunogen, wherein said liposome and immunogen are present in an immunization dose. Additionally, a dosage form, including such form particularly adapted to producing an immune response, comprising a salt according to an organic acid derivative of a sterol and an immunogen wherein said organic acid derivative of a sterol and immunogen are present in an immunization dose, and method according to use is disclosed. Further, a dosage form, including such form particularly adapted to producing an immune response, comprising dimyristoylphosphatidylcholine (DMPC)/cholesterol liposomes, optionally in an aluminum hydroxide gel, and an immunogen wherein said DMPC/cholesterol and immunogen are present in an immunization dose, and method according to use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 23 OF 27 USPATFULL on STN  
ACCESSION NUMBER: 1999:72283 USPATFULL  
TITLE: Peptide-containing liposomes, immunogenic liposomes and methods of preparation and use  
INVENTOR(S): Popescu, Mircea C., Plainsboro, NJ, United States  
Weiner, Alan L., Lawrenceville, NJ, United States  
Recine, Marie S., Hamilton Township, NJ, United States

PATENT ASSIGNEE(S): Janoff, Andrew S., Yardley, PA, United States  
 Estis, Leonard, Upton, MA, United States  
 Keyes, Lynn D., Upton, MA, United States  
 Alving, Carl R., Bethesda, MD, United States  
 The Liposome Company, Inc., Princeton, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5916588		19990629
APPLICATION INFO.:	US 1995-452549		19950525 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-108822, filed on 18 Aug 1993 76 Ser. No. US 1990-485388, filed on 26 Feb 1990 which is a continuation-in-part of Ser. No. US 108822 Ser. No. Ser. No. US 1989-397777, filed on 23 Aug 1989, now abandoned Ser. No. Ser. No. US 1988-277854, filed on 30 Nov 1988, now abandoned And Ser. No. US 1988-236701, filed on 25 Aug 1988 , said Ser. No. US 397777 which is a continuation-in-part of Ser. No. US 1988-277854, filed on 30 Nov 1988 Ser. No. Ser. No. US 1988-236702, filed on 25 Aug 1988, now abandoned And Ser. No. US 236701 , said Ser. No. US 277854 which is a continuation-in-part of Ser. No. US 1987-128974, filed on 4 Dec 1987, now abandoned which is a continuation-in-part of Ser. No. US 1987-61186, filed on 11 Jun 1987, now abandoned which is a continuation-in-part of Ser. No. US 1986-934151, filed on 24 Nov 1986 And Ser. No. US 1986-873584, filed on 12 Jun 1986, now abandoned , said Ser. No. US 277854 which is a continuation-in-part of Ser. No. US 61186 , said Ser. No. US 236701 which is a continuation-in-part of Ser. No. US 277854 And Ser. No. US 128974 , said Ser. No. US 108822 which is a continuation of Ser. No. US 1991-758587, filed on 12 Sep 1991, now patented, Pat. No. US 5288499 which is a division of Ser. No. US 1989-425727, filed on 23 Oct 1989, now patented, Pat. No. US 5231112 which is a continuation-in-part of Ser. No. US 1985-773429, filed on 10 Sep 1985, now patented, Pat. No. US 4891208 which is a continuation-in-part of Ser. No. US 1985-721630, filed on 10 Apr 1985, now patented, Pat. No. US 4721612 which is a continuation-in-part of Ser. No. US 1984-599691, filed on 12 Apr 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Achutamurthy, Ponnathapura		
LEGAL REPRESENTATIVE:	Rubin, Kenneth, Goodman, Rosanne		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2619		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A high integrity liposome comprising at least one stabile lipid and at least one peptide-like therapeutic agent associated with the liposome, adapted for parenteral administration to an animal, including a human, and method according to manufacture and use.

Immunizing dosage forms comprising a liposome and an immunogen, wherein the liposome and immunogen are present in an immunization dose. Additionally, a dosage form, including such form particularly adapted to producing an immune response, comprising a salt according to an organic acid derivative of a sterol and an immunogen are present in an immunization dose, and method according to uses is disclosed. Further, a dosage form, including such form particularly adapted to producing an



immune response, comprising dimyristolylphosphatidylcholine (DMPC)/cholesterol liposomes, optionally in an aluminum hydroxide gel, and an immunogen wherein the DMPC/cholesterol and immunogen are present in an immunization dose, and method according to use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 24 OF 27 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2001:12553 EPFULL  
ENTRY DATE PUBLICATION: 20050330  
UPDATE DATE PUBLICAT.: 20050330  
DATA UPDATE DATE: 20050330  
DATA UPDATE WEEK: 200513  
TITLE (ENGLISH): POLYMERIC MICELLAR STRUCTURE  
TITLE (FRENCH): STRUCTURE MICELLAIRE POLYMERIQUE  
TITLE (GERMAN): POLYMERE MICELLENARTIGE STRUKTUR  
INVENTOR(S): AIDA, Takuzo, 10-5, Kashiwanoha 2-chome, Kashiwa-shi, Chiba 277-0882, JP; JIANG, Dong-Lin, Bran Shato 303, 16-15, Shinmatsudokita 1-chome, Matsudo-shi, Chiba 270-0032, JP; OHNO, Daisuke, C205, 18-6, Shinjuku 5-chome, Katsushika-ku, Tokyo 125-0051, JP; STAPERT, Hendrick, Shuwa Residence 512, 11-6, Yushima 4-chome, Bunkyo-ku, Tokyo 113-0034, JP; NISHIYAMA, Nobuhiro, Coop-sendagi 105, 16-6, Sendagi 5-chome, Bunkyo-ku, Tokyo 113-0022, JP; KATAOKA, Kazunori, 1083-4, Oomuro, Kashiwa-shi, Chiba 277-0813, JP  
PATENT APPLICANT(S): Japan Science and Technology Agency, 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012, JP  
PATENT APPL. NUMBER: 3353873  
AGENT: Calamita, Roberto, et al, Frank B. Dehn & Co., European Patent Attorneys, 179 Queen Victoria Street, London EC4V 4EL, GB  
AGENT NUMBER: 69571  
LANGUAGE OF FILING: Japanese  
LANGUAGE OF PUBL.: English  
LANGUAGE OF PROCEDURE: English  
LANGUAGE OF TITLE: German; English; French  
DOCUMENT TYPE: Patent  
PATENT INFO TYPE: EPB1 Granted patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1253150	B1	20050330

DESIGNATED STATES:	WO 2001055151	20010802
APPLICATION INFO.:	CH DE FR GB LI	
PRIORITY INFO.:	EP 2001-946862	A 20010126
	WO 2001-JP546	A 20010126
	JP 2000-17662	A 20000126
	JP 2000-17663	A 20000126
CITED NON PATENT LIT.:	SADAMOTO, REIKO ET AL: "Photoinduced Electron Transfer Reactions through Dendrimer Architecture" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY (1996), 118(16), 3978-9 , XP002236133;	
	STAPERT R.H. ET AL.: 'Polyion complex micelles encapsulating light-harvesting ionic dendrimer zinc porphyrins' LANGMUIR vol. 16, no. 21, 2000, pages 8182 - 8188, XP002941415;	
	JIANG D. ET AL.: 'Molecular design and functions of dendrimer porphyrins' KOBUNSHI RONBUNSHU vol. 54, no.	

CITED PATENT LIT.: 10, 1997, pages 674 - 683, XP002941416  
WO 9314093 A  
JP 4505612 A

L2 ANSWER 25 OF 27 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:112372 EPFULL  
DATA UPDATE DATE: 20040915  
DATA UPDATE WEEK: 200438  
TITLE (ENGLISH): Polysaccharide aspartate  
TITLE (FRENCH): Aspartate de polysaccharide  
TITLE (GERMAN): Polysaccharidaspartat  
INVENTOR(S): Kretzschmar, Gerhard, Dr., Ulmenweg 10, 65760 Eschborn,  
DE  
PATENT APPLICANT(S): Suedzucker Aktiengesellschaft, Mannheim/Ochsenfurt,  
Maximilianstrasse 10, 68165 Mannheim, DE  
PATENT APPL. NUMBER: 2380991  
AGENT: Gleiss & Grosse, Leitzstrasse 45, 70469 Stuttgart, DE  
AGENT NUMBER: 101101  
LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
LANGUAGE OF PROCEDURE: English  
LANGUAGE OF TITLE: German; English; French  
DOCUMENT TYPE: Patent  
PATENT INFO TYPE: EPB1 Granted patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
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EP 1065217	B1	20030924
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DESIGNATED STATES: DE  
APPLICATION INFO.: EP 1999-112439 A 19990630  
PRIORITY INFO.: EP 1999-112439 A 19990630 \*  
CITED NON PATENT LIT.: CHEMICAL ABSTRACTS, vol. 129, no. 23, 7 December 1998  
(1998-12-07) Columbus, Ohio, US; abstract no. 310134,  
"Synthesis and characterization of beta-cyclodextrin  
derivatives containing amino groups and carboxyl  
groups." XP002124415 & DAI RONGJI ET AL.: BEIJING  
LIGONG DAXUE XUEBAO BIANJIBU, vol. 18, no. 2, 1998,  
pages 159-164, china  
CITED PATENT LIT.: US 3671184 A

L2 ANSWER 26 OF 27 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:111683 EPFULL  
DATA UPDATE DATE: 20041006  
DATA UPDATE WEEK: 200441  
TITLE (ENGLISH): Sustained release microspheres  
TITLE (FRENCH): Microspheres a liberation prolongee  
TITLE (GERMAN): Mikrosphaeren mit verzogelter Wirkstoffabgabe  
INVENTOR(S): Scott, Terence L., 6 Fenwick Road, Winchester, MA  
01890, US; Brown, Larry R., 25 Sumner Street, Newton,  
MA 02459, US; Riske, Frank J., 705 Highland Street,  
Stoughton, MA 02072, US; Blizzard, Charles D., 109  
Highview Street, Westwood, MA 02090, US; Rashba-Step,  
Julia, 123 Adeline Road, Newton, MA 02459, US  
PATENT APPLICANT(S): BAXTER INTERNATIONAL INC., One Baxter Parkway,  
Deerfield, IL 60015, US; Baxter Healthcare SA,  
Hertistrasse 2, 8304 Wallisellen, CH  
PATENT APPL. NUMBER: 318506; 3374413  
AGENT: Jump, Timothy John Simon, et al, Venner Shipley LLP 20  
Little Britain, London EC1A 7DH, GB  
AGENT NUMBER: 55592  
LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English  
LANGUAGE OF PROCEDURE: English  
LANGUAGE OF TITLE: German; English; French  
DOCUMENT TYPE: Patent  
PATENT INFO TYPE: EPB1 Granted patent  
PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 1060741	B1	20030903
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE		
EXTENSION STATES:	AL LT LV MK RO SI		
APPLICATION INFO.:	EP 1999-304616	A	19990614
PRIORITY INFO.:	EP 1999-304616	A	19990614 *
CITED NON PATENT LIT.:	DATABASE WPI Week 199645 Derwent Publications Ltd., London, GB; AN 1996-450926 [45] XP002122637 & JP 08 225454 A (CHUGAI PHARM. CO. LTD.,JP) 3 September 1996 (1996-09-03)		
CITED PATENT LIT.:	EP 357401	A	
	US 5008116	A	
	US 5160745	A	

L2 ANSWER 27 OF 27 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 1995:46595 EPFULL  
UPDATE DATE PUBLICAT.: 20050615  
DATA UPDATE DATE: 20050615  
DATA UPDATE WEEK: 200524  
TITLE (ENGLISH): SEGMENTED CHELATING POLYMERS AS IMAGING AND THERAPEUTIC AGENTS  
TITLE (FRENCH): POLYMERES DE CHELATION SEGMENTES EN TANT QU'AGENTS DE CONTRASTE ET THERAPEUTIQUES  
TITLE (GERMAN): SEGMENTIERTE CHELATFORMENDE POLYMERE ALS BILDFORMENDES AGENS UND ARZNEIMITTEL  
INVENTOR(S): BUTTERFIELD, Dennis Earl, 878 N. Grece Road, Rochester, NY 14626, US; FUJII, Dennis Kiyoshi, 106 Honeytree Court, Downingtown, PA 19355, US; LADD, David Lee, 1375 Thomas Road, Wayne, PA 19087, US; SNOW, Robert Allan, 118 Cratin Lane, West Chester, PA 19380, US; TAN, Julia Shieh, 437 True Hickory Drive, Rochester, NY 14615, US; TONER, John Luke, 109 Brookhollow Drive, Downingtown, PA 19355, US  
PATENT APPLICANT(S): Amersham Health AS, Nycoveien 1-2, PO Box 4220, Nydalen, 0401 Oslo, NO  
PATENT APPL. NUMBER: 3995790  
AGENT: Canning, Lewis R., et al, Amersham plc Amersham Place, Little Chalfont Buckinghamshire HP7 9NA, GB  
AGENT NUMBER: 93187  
LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
LANGUAGE OF PROCEDURE: English  
LANGUAGE OF TITLE: German; English; French  
DOCUMENT TYPE: Patent  
PATENT INFO TYPE: EPB1 Granted patent  
PATENT INFORMATION:  
PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 752890	B1	20030910
	WO 9526754		19951012
DESIGNATED STATES:	DE ES FR GB IE IT		

APPLICATION INFO.:	EP 1995-913274	A	19950331
	WO 1995-GB742	A	19950331
PRIORITY INFO.:	US 1994-221714	A	19940331
CITED PATENT LIT.:	EP 326226	A	
	WO 9306148	A	
	WO 9408624	A	
	WO 9408629	A	
	WO 9409056	A	
	DE 4017439	A	
	US 5283339	A	

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(FILE 'HOME' ENTERED AT 18:27:01 ON 11 JAN 2006)

FILE 'CAPLUS, USPATFULL, JAPIO, EPFULL, MEDLINE, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 18:27:33 ON 11 JAN 2006

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L1      2001 S (DRUG DELIVERY) AND (POLYAMINO ACID#)
L2      27 S L1 AND (COUNTER ION)
L3      9 S L2 AND ((POLY(W)L(W)LYSINE) OR POLYLYSINE)
L4      1 S L3 AND MYOCARDI?
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=>

=>

=>

=> d his

(FILE 'HOME' ENTERED AT 18:27:01 ON 11 JAN 2006)

FILE 'CAPLUS, USPATFULL, JAPIO, EPFULL, MEDLINE, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 18:27:33 ON 11 JAN 2006

```
L1      2001 S (DRUG DELIVERY) AND (POLYAMINO ACID#)
L2      27 S L1 AND (COUNTER ION)
L3      9 S L2 AND ((POLY(W)L(W)LYSINE) OR POLYLYSINE)
L4      1 S L3 AND MYOCARDI?
```

=> s l1 and gel

```
L5      1410 L1 AND GEL
```

=> \s l5 and (counter ion)

\S IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s l5 and (counter ion)

```
L6      18 L5 AND (COUNTER ION)
```

=> s l6 and myocard?

```
L7      12 L6 AND MYOCARD?
```

=> d l7 1-12 ibib abs

L7 ANSWER 1 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:275257 USPATFULL

TITLE: Viral inhibitors

INVENTOR(S): Neyts, Johan, Kessel-Lo, BELGIUM

Purstinger, Gerhard, Innsbruck, AUSTRIA

De Clercq, Erik, Lovenjoel, BELGIUM

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2005239821	A1	20051027	
APPLICATION INFO.:	US 2003-519756	A1	20030703	(10)
	WO 2003-BE117		20030703	
			20041230	PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2003-215293	20020703
	GB 2003-13251	20030610
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CLARK & ELBING LLP, 101 FEDERAL STREET, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	5723	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a pharmaceutical composition for the treatment or prevention of viral infections comprising as an active principle at least one imidazo[4,5-c]pyridine derivative having the general formula (Z): (formula). The invention also relates to processes for the preparation of compounds according to the invention having above mentioned general formula and their use as a medicine or to treat or prevent viral infections. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:261954 USPATFULL

TITLE: Triazine compounds and their analogs, compositions, and methods

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
 Alexander, Christopher W., Atlanta, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Alluri, Sessa Sridevi, Grandhinagar, INDIA  
 Krishna Reddy, Velagala Venkata Rama Murali, Kukatpally, INDIA  
 Pal, Manojit, Miyapur, INDIA  
 Reddy, Jangalgar Tirupathy, Miyapur, INDIA  
 Yeleswarapu, Koteswar Rao, Begumpet, INDIA  
 Reddy, Gaddam Om, Miyapur, INDIA  
 Kumar, Potlapally Rajender, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005227983	A1	20051013
APPLICATION INFO.:	US 2004-808210	A1	20040324 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US		
NUMBER OF CLAIMS:	83		
EXEMPLARY CLAIM:	1		
LINE COUNT:	7442		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to triazine compounds and their analogs and derivatives, and methods and compositions comprising these compounds. The compounds and compositions of this invention are useful for, among other things, treating pathophysiological conditions arising from inflammatory responses, inhibiting or blocking glycosylated protein produced induction of the signaling-associated inflammatory response in

endothelial cells, inhibiting smooth muscle proliferation, treating vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis, and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:255700 USPATFULL

TITLE: Imidazo[4,5-c]pyridine compounds and methods of antiviral treatment

INVENTOR(S): Bondy, Steven S., Danville, CA, UNITED STATES  
Dowdy, Eric Davis, Foster City, CA, UNITED STATES  
Kim, Choung U., San Carlos, CA, UNITED STATES  
Neyts, Johan, Kessel-Lo, BELGIUM  
Oare, David A., Belmont, CA, UNITED STATES  
Puerstinger, Gerhard, Igls, AUSTRIA

PATENT ASSIGNEE(S): Zia, Vahid, San Carlos, CA, UNITED STATES  
K.U. LEUVEN RESEARCH & DEVELOPMENT, GERHARD PUERSTINGER  
AND GILEAD SCIENCES, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005222198	A1	20051006
APPLICATION INFO.:	US 2004-19830	A1	20041221 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-532292P	20031222 (60)
	US 2004-533963P	20040102 (60)
	US 2004-591069P	20040726 (60)
	US 2004-591024P	20040726 (60)
	US 2004-590989P	20040726 (60)
	US 2004-590990P	20040726 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: James J. Wong, Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, CA, 94404, US

NUMBER OF CLAIMS: 71

EXEMPLARY CLAIM: 1

LINE COUNT: 4677

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pharmaceutical compositions for the treatment or prevention of viral infections comprising as an active principle at least one imidazo[4,5-c]pyridine prodrug having the general formula (A): ##STR1## wherein the substituents are described in the specification. The invention also relates to processes for the preparation and screening of compounds according to the invention having above mentioned general formula and their use in the treatment or prophylaxis of viral infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:170848 USPATFULL

TITLE: Bead embedded cells

INVENTOR(S): Meissner, Dagmar, San Diego, CA, UNITED STATES  
Stuiver, Ingrid, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005147595	A1	20050707
APPLICATION INFO.:	US 2004-941548	A1	20040914 (10)

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2003-507258P	20030929 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GORDON & REES LLP, 101 WEST BROADWAY, SUITE 1600, SAN DIEGO, CA, 92101, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	740	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition of beads formed from biologically compatible material and which hold comprise biologically active moieties. A method of treating of treating isolated biological moieties in culture media, embedding the moieties in biologically compatible material which does not incorporate adventitious excipients. A method of treating individuals in need of transplantation, which involves transplanting to the individual a composition which comprises a sufficient amount of beads.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:158986 USPATFULL  
 TITLE: Medical devices employing triazine compounds and compositions thereof  
 INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
 Alexander, Christopher W., Norcross, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Yeleswarapu, Koteswar Rao, Begumpet, INDIA  
 Pal, Manojit, Miyapur, INDIA  
 Reddy, Jangalgar Tirupathy, Miyapur, INDIA  
 Krishna Reddy, Velagala Venkata Rama Murali, Kukatpally, INDIA  
 Sesha Sridevi, Bhatlapenumarthy, Gandhinagar, INDIA  
 Kumar, Potlapally Rajender, Miyapur, INDIA  
 Reddy, Gaddam Om, Miyapur, INDIA

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2005137196	A1	20050623
APPLICATION INFO.:	US 2004-951316	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-397968, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	9874	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from

inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:144879 USPATFULL

TITLE: Medical devices employing triazine compounds and compositions thereof

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
 Alexander, Christopher W., Norcross, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Yeleswarapu, Koteswar Rao, Hyderabad, INDIA  
 Pal, Manojit, Hyderabad, INDIA  
 Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
 Krishna Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA  
 Sessa Sridevi, Bhatlapenumarthy, Hyderabad, INDIA  
 Kumar, Potlapally Rajender, Hyderabad, INDIA  
 Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005124619	A1	20050609
APPLICATION INFO.:	US 2004-951120	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-400169, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	8532	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.



CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2005:131877 USPATFULL

TITLE: Medical devices employing triazine compounds and compositions thereof

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Yeleswarapu, Koteswar Rao, Hyderabad, IN, UNITED STATES  
Pal, Manojit, Hyderabad, INDIA  
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
Murali Krishna Reddy, Velagala Venkata Rama, Hyderabad, INDIA  
Sridevi, Bhatlapenumarthi Sesha, Hyderabad, INDIA  
Kumar, Potlapally Rajender, Hyderabad, INDIA  
Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005113341	A1	20050526
APPLICATION INFO.:	US 2004-951305	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-400134, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	10723	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:286782 USPATFULL

TITLE: Methods and compositions of novel triazine compounds

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Yeleswarapu, Koteswar Rao, Hyderabad, INDIA

Pal, Manojit, Hyderabad, INDIA  
 Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
 Reddy, Velagala Venkira Rama Murali Krishna, Hyderabad,  
 INDIA  
 Sridevi, Bhatlapenumarphy Shesha, Hyderabad, INDIA  
 Kumar, Potlapally Rajender, Hyderabad, INDIA  
 Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004224950	A1	20041111
APPLICATION INFO.:	US 2003-400140	A1	20030326 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, ATLANTA, GA, 30309	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	11181	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:268339 USPATFULL  
 TITLE: Methods and compositions of novel triazine compounds  
 INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
 Alexander, Christopher W., Norcross, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Yeleswarapu, Koteswar Rao, Hyderabad, INDIA  
 Pal, Manojit, Hyderabad, INDIA  
 Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
 Krishma Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA  
 Sesila Sridevi, Bhatlapenumarthy, Hyderabad, INDIA  
 Kumar, Potlapally Rajender, Hyderabad, INDIA  
 Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209882	A1	20041021
APPLICATION INFO.:	US 2003-400169	A1	20030326 (10)
DOCUMENT TYPE:	Utility		

FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037,  
 ATLANTA, GA, 30357-0037  
 NUMBER OF CLAIMS: 19  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 86 Drawing Page(s)  
 LINE COUNT: 12036

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:268338 USPATFULL  
 TITLE: Methods and compositions of novel triazine compounds  
 INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
 Alexander, Christopher W., Norcross, GA, UNITED STATES  
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
 Saxena, Uday, Atlanta, GA, UNITED STATES  
 Yeleswarapu, Koteswar Rao, Hyderabad, INDIA  
 Pal, Manojit, Hyderabad, INDIA  
 Reddy, Jangalgar Tirupathy, Hyderabad, INDIA  
 Krishna Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA  
 Sridevi, Bhatlapenumarthi Sesha, Hyderabad, INDIA  
 Kumar, Potlapally Rajender, Hyderabad, INDIA  
 Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209881	A1	20041021
APPLICATION INFO.:	US 2003-400134	A1	20030326 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, ATLANTA, GA, 30309		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	86 Drawing Page(s)		
LINE COUNT:	9019		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:268337 USPATFULL  
TITLE: Methods and compositions of novel triazine compounds  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Yeleswarapu, Koteswar Rao, Begumpet, INDIA  
Pal, Manojit, Miyapur, INDIA  
Reddy, Jangalgar Tirupathy, Miyapur, INDIA  
Krlshna Reddy, Velagala Venkata Rama Murali,  
Kukatpally, INDIA  
Sridevi, Bhatlapenumarthy Sesha, Gandhinagar, INDIA  
Kumar, Potlapally Rajender, Miyapur, INDIA  
Reddy, Gaddam Om, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209880	A1	20041021
APPLICATION INFO.:	US 2003-397968	A1	20030326 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	86 Drawing Page(s)		
LINE COUNT:	10190		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2004:101778 USPATFULL  
TITLE: Methods and compositions of novel triazine compounds  
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES  
Alexander, Christopher W., Norcross, GA, UNITED STATES  
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES  
Saxena, Uday, Atlanta, GA, UNITED STATES  
Campbell, Karen A., Durham, NC, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004077648	A1	20040422
APPLICATION INFO.:	US 2003-390485	A1	20030317 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

NUMBER	DATE
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PRIORITY INFORMATION: US 2001-324147P 20010921 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100  
PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309  
NUMBER OF CLAIMS: 75  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 54 Drawing Page(s)  
LINE COUNT: 10058

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.